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(54) Title: METHODS FOR THE PREPARATION OF A FINE CHEMICAL BY FERMENTATION

(57) Abstract: The present invention features methods of increasing the production of a fine chemical, e.g., lysine from a microor-
ganism, e.g., *Corynebacterium* by way of deregulating an enzyme encoding gene, i. e., glycerol kinase. In a preferred embodiment,
the invention provides methods of increasing the production of lysine in *Corynebacterium glutamicum* by way of increasing the
expression of glycerol kinase activity. The invention also provides a novel process for the production of lysine by way of regulating
carbon flux towards oxaloacetate (OAA). In a preferred embodiment, the invention provides methods for the production of lysine by
way of utilizing fructose or sucrose as a carbon source.



WO 2005/121349 A2